

Abstract

The present invention provides a process for producing an optically active fluoro compound represented by formula (3) through reaction between a specific fluoroamine and an optically active diol; and a process for producing an optically active fluoroalcohol through hydrolysis of the optically active fluoro compound. According to the process of the present invention, such optically active fluoro compounds and optically active fluoroalcohols can be produced at high optical purity and high yield in a simple manner. Such optically active fluoroalcohols are a useful source for producing drugs, pesticides, and other functional chemicals.

[F1]

